

# MATERIAL SAFETY DATA SHEET

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## SECTION I – GENERAL INFORMATION

TRADE NAME	MES-100
CHEMICAL NAME	Methylated Seed Oil
CHEMICAL FAMILY	Methyl Ester (Vegetable Oil)
EPA REG. NO.	N/A
SIGNAL WORD	CAUTION

## SECTION II – INGREDIENTS (Class = H (Hazardous), NH (Non-Hazardous))

NAME	CAS NO.	% (by wt.)	TLV	CLASS
Methylated Seed Oil/Surfactant Blend	N/A	100.00	5mg/m <sup>3</sup>	NH

## SECTION III – PHYSICAL DATA

<u>Boiling Point</u>	275°F	<u>Specific Gravity</u>	0.90 gm/ml
<u>Vapor Pressure</u>	Very low	<u>% Volatiles</u>	Negligible
<u>Vapor Density</u>	NK	<u>Solubility in Water</u>	Emulsifies
<u>pH</u>	6-7	<u>Appearance/Odor</u>	Amber color liquid, ester odor.

## SECTION IV – FIRE & EXPLOSION DATA

Flash Point	>300°F
Extinguishing Media	Dry chemical, CO <sub>2</sub> , Halon, water spray or standard foam.
Fire Fighting Procedures	Prevent material from entering waterways or supplies. Assure self-contained breathing apparatus is worn.

## SECTION V – REACTIVITY DATA

Stability	Stable
Conditions to Avoid	Extreme temperatures
Incompatibility	Strong oxidizers
Hazardous Decomposition Products	Carbon dioxide and monoxide
Hazardous Polymerization	Will not occur

## SECTION VI – HEALTH HAZARD DATA

Carcinogenicity	N/A
Toxicity Data	N/A
TLV	5mg/m <sup>3</sup>
N.F.P.A.	Health: 1, Fire: 1, Reactivity: 0 (Rating: 4-Extreme, 3-High, 2-Moderate, 1-Slight, 0-Insignificant)
Effects of Overexposure	Prolonged exposure may result in eye or skin irritation. Avoid ingestion.

## SECTION VII – EMERGENCY PROCEDURES

<u>If on Skin or Clothing:</u>	Remove contaminated clothing and wash affected area with soap and water. Get medical attention immediately.
<u>If in Eyes:</u>	Flush eyes with adequate water for 15 minutes. Get medical attention immediately.
<u>If Inhaled:</u>	Remove victim to fresh air. Treat symptomatically and supportively. Get medical attention immediately.
<u>If Swallowed:</u>	Treat symptomatically and supportively. Get medical attention.

## SECTION VIII- SPILL OR LEAK PROCEDURES

Steps to be taken in case of material leak or spill  
Pick up spilled material with absorbent material such as clay or sand. Place in dry container for later disposal. Assure protective equipment is worn.  
Waste Disposal Method  
Dispose of in accordance with Local, State, and Federal Regulations.

## SECTION IX – SPECIAL PROTECTION INFORMATION

Respiratory Protection	NIOSH approved respirator
Ventilation	Local exhaust
Protective Gloves	Rubber impervious
Eye Protection	Chemgoggles
Other	Coveralls, long-sleeve shirt, rubber boots

## SECTION X – SPECIAL PRECAUTIONS

Precautions To Be Taken In Handling & Storage  
KEEP OUT OF REACH OF CHILDREN. FOLLOW LABEL DIRECTIONS CAREFULLY.  
Store away from incompatible substances. Keep container tightly closed. Protect from exposure to air or light.  
D.O.T. Description Non-Regulated  
Freight Description Agricultural Spray Adjuvant, Liquid, N.O.S.  
ERG # 171

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Date Prepared: 07/30/07